

Title (en)
ENGINE SUPERCHARGER

Title (de)
MOTORAUFLADER

Title (fr)
COMPRESSEUR D'ALIMENTATION DE MOTEUR

Publication
EP 3073093 A1 20160928 (EN)

Application
EP 14861748 A 20141117

Priority

- JP 2013081037 W 20131118
- JP 2013081039 W 20131118
- JP 2014222865 A 20141031
- JP 2014080311 W 20141117

Abstract (en)
A supercharger (42) includes: an impeller (60) that pressurizes intake air for a combustion engine (E); a supercharger rotation shaft (44) to which the impeller (60) is fixed; and a supercharger case (66) rotatably supporting the supercharger rotation shaft (44). A supercharger lubricating fluid passage (94) that guides a lubricating fluid (OL) to a bearing housing (76) is formed inside the supercharger case (66), and an oil filter (104) that removes foreign matter from the lubricating fluid (OL) is disposed in the supercharger lubricating fluid passage (94). The oil filter (104) is detachably mounted on the supercharger case (66) by an operation from the outside of the supercharger (42).

IPC 8 full level
F02B 39/14 (2006.01); **F01M 1/10** (2006.01)

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F02B 33/40 (2013.01 - EP US); **F02B 39/04** (2013.01 - EP US); **F02B 39/14** (2013.01 - EP US); **F02B 61/02** (2013.01 - EP US); **F04D 25/028** (2013.01 - EP US); **F04D 29/063** (2013.01 - EP US); **F04D 29/4206** (2013.01 - US); **F04D 29/624** (2013.01 - US); **F01M 2011/021** (2013.01 - EP US)

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Designated extension state (EPC)
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US 10012140 B2 20180703; **US 2016215688 A1 20160728**; CN 105723069 A 20160629; CN 105723069 B 20190215; EP 3073093 A1 20160928; EP 3073093 A4 20170726; EP 3073093 B1 20190828; JP 2015098867 A 20150528; JP 6437788 B2 20181212; WO 2015072561 A1 20150521

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